



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/487,923	01/19/2000	Jerome Swartz	467XXB	3738

23704 7590 12/08/2003  
SYMBOL TECHNOLOGIES INC  
LEGAL DEPARTMENT  
ONE SYMBOL PLAZA  
HOLTSVILLE, NY 11742

EXAMINER

ST CYR, DANIEL

ART UNIT	PAPER NUMBER
2876	

DATE MAILED: 12/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/487,923

Applicant(s)

SWARTZ ET AL.

Examiner

Daniel St.Cyr

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 September 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 10 and 39-45 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10, 39-45 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. Receipt is acknowledged of the amendment filed 9/16/03.
2. Receipt is acknowledged of the response filed 4/14/03.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 39, 40, and 45 are rejected under 35 U.S.C. 102(e) as being anticipated by Herrod et al, US Patent No. 6,405,049.

Herrod et al disclose a portable data terminal and cradle, said cradle comprising: a housing 12 configured to allow a user to secure and remove the portable 10; a power management system delivering power to the portable terminal when secured to the housing (see col. 19, lines 3-7); a communication port 36 for communicating data from the vehicle cradle 12 to the portable terminal 10; and the cradle includes an antenna operable to receive order data from the portable terminal, which the vehicle cradle couples to a wide area network via a wide area network access point to transmit the other data over the wide area network to an order server. The cradle is communicated using either RF, infrared, microwave, or any other suitable method. (see figure 2-3, 12; col. 5, line 52+ and col. 19, line 14+).

***Claim Rejections - 35 USC § 103***

Art Unit: 2876

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

7. Claims 10 and 41-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Herrod et al in view of Ross et al, US Patent No. 5,859,628. The teachings of Herrod et al have been discussed above.

Herrod et al disclose that the cradle is couple to an antenna for communicating to host/server unit (see figure 12), but fails to disclose that the antenna is a GPS antenna.

Ross et al disclose an apparatus and method for a personal onboard information system comprising: a housing 304 configured to allow a user to secure and remove a portable terminal 102; a power management system 108 for delivering power to the portable terminal when secured to the housing; a communication port 316 for communicating data from a vehicle cradle 104 to the portable terminal 102; and a GSP system locator coupled to said communication port for generating a location signal and transmitting said signal to the portable terminal, whereby the

Art Unit: 2876

location of the motorized vehicle is transmitted to the portable terminal by the vehicle cradle (see figures 2, 3; col. 3 to col. 4, line 49 and col. 8, line 8+).

In view of Ross et al, it would have been obvious for a person of ordinary skill in the art at the time the invention was made to couple the cradle with a GPS antenna in lieu of the standard RF antenna to monitor the vehicle position. Such modification would make the system more practical and more effective by providing means to schedule orders pick up according to the vehicle location, wherein an operator could be instructed to pick up an order if the operator is within the area of the customer. Therefore, it would have been an obvious extension as taught by Herrod et al.

#### ***Response to Arguments***

8. Applicant's arguments filed 9/16/03 have been fully considered but they are not persuasive. (see examiner remarks).

#### **Remarks:**

In response to the applicant's first argument (102, page 5), the examiner respectfully disagrees. Herrod et al disclose pick up and delivery times, work order, activity report, etc. (see col. 19, line 14+ and figure 12).

In response to the applicant's second argument, pages 6-7, the examiner respectfully disagrees. Herrod et al disclose a motorized vehicles for fulfillment of a complete order (see figure 12 and col. 19, line 14+). The applicant arguments are not persuasive. Refer to the rejection above.

#### ***Conclusion***

Art Unit: 2876

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel St.Cyr whose telephone number is 703-305-2656. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G Lee can be reached on 703-305-3503. The fax phone number for the organization where this application or proceeding is assigned is 703-308-7721.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Daniel St.Cyr  
Primary Examiner  
Art Unit 2876

A handwritten signature in black ink, appearing to read 'Daniel St.Cyr', is written over a horizontal line. The signature is stylized with loops and a long horizontal stroke extending to the right.

DS  
December 1, 2003